

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010942

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C11D3/00 C11D3/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 001 947 A (ALVIN STAHLER ET AL) 26 September 1961 (1961-09-26) column 1, line 19 - line 34; claims; examples	1,6,8,9
X	US 4 077 911 A (OKUMURA TAKEO ET AL) 7 March 1978 (1978-03-07) column 3, line 60; claims	9
A	US 4 671 886 A (MUELLER FRANK J) 9 June 1987 (1987-06-09) claims; example	1-9
A	US 3 936 385 A (CHENG SHU-SING) 3 February 1976 (1976-02-03) examples	1-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 January 2005

Date of mailing of the International search report

25/01/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Hillebrecht, D

INTERNATIONAL SEARCH REPORT

' Information on patent family members

International Application No

PCT/EP2004/010942

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3001947	A	26-09-1961	NONE		
US 4077911	A	07-03-1978	JP	1238066 C	31-10-1984
			JP	50155505 A	15-12-1975
			JP	54038605 B	22-11-1979
			DE	2524785 A1	02-01-1976
			GB	1467544 A	16-03-1977
US 4671886	A	09-06-1987	CA	1286057 C	16-07-1991
			GB	2183666 A	10-06-1987
US 3936385	A	03-02-1976	AU	7195774 A	05-02-1976
			BE	818668 A1	02-12-1974
			CA	1047405 A1	30-01-1979
			CA	1079644 A2	17-06-1980
			CH	600879 A5	30-06-1978
			DE	2437491 A1	20-02-1975
			DK	419674 A , B,	14-04-1975
			FR	2239987 A1	07-03-1975
			GB	1483502 A	24-08-1977
			GB	1483501 A	24-08-1977
			IT	1023046 B	10-05-1978
			JP	1361689 C	30-01-1987
			JP	50048142 A	30-04-1975
			JP	61021923 B	29-05-1986
			PH	11217 A	28-10-1977
			SE	411513 B	14-01-1980
			SE	7409973 A	10-02-1975
			SE	7708170 A	14-07-1977
			ZA	7404869 A	31-03-1976